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(54) REFLECTION TYPE LIQUID CRYSTAL DISPLAY  
DEVICE AND ITS PRODUCTION

(57) Abstract:

**PURPOSE:** To make bright display by obtaining scattered light having directivity.

CONSTITUTION: An org. insulating film 42 is formed to cover gate bus wirings, source bus wirings and TFTs 40 formed on one substrate 31 of the reflection type liquid crystal display device 30. Projecting parts 42a which are convergent and are formed to a spherical shape at the fronts are formed in the regions of this org. insulating film 42 where reflection electrodes 38 are formed. These projecting parts 42a are so patterned that the average angle;  $\theta_{AV}$  of inclination is within a 4 to 15° range. The scattered light having the directivity is obtd. by deciding the average angle  $\theta_{AV}$  of inclination is within the 4 to 15° range and, therefore, the extremely bright display is realized.

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